



TITLE:

List of Publications

AUTHOR(S):

CITATION:

List of Publications. Contributions of the Geophysical Institute, Kyoto University 1971, 11: 237-241

ISSUE DATE:

1971-12

URL:

<http://hdl.handle.net/2433/178590>

RIGHT:

List of Publications†

(1970-1971)

1970

1. *Araki, T. and S. Kato; Anomalous distribution of electrical conductivity in low latitude lower ionosphere, Proc. Ionosphere Symp., 70-73.
2. *Araki, T., Y. Naito and S. Kato; Detection of whistler-mode signals of VLF standard radio waves from Australia, Proc. IASY (International Active Sun Year) Symp., III, 287-291.
3. *Asai, T.; Cumulus convection over the ocean, Marine Sciences, 2, 213-218.
4. Asai, T.; Three-dimensional features of thermal convection in a plane Couette flow, J. Meteor. Soc. Japan, 48, 18-29.
5. Asai, T.; Stability of a plane parallel flow with variable vertical shear and unstable stratification, J. Meteor. Soc. Japan, 48, 129-139.
6. Asai, T. and I. Nakasuji; Applicability of Boussinesq approximation to thermal instability in a shear flow, Special Contr. Geophys. Inst., Kyoto Univ., 10, 49-57.
7. *Earthquake Research Institute of University of Tokyo, Geophysical Institute of Kyoto University and Geographical Survey Institute; Precise gravity survey in Miura and Boso Peninsulas, J. Geod. Soc. Japan, 16, 16-22.
8. Fujitani, T., T. Hanafusa and Y. Mitsuta; Measurement of eddy momentum flux near the ground, Special Contr. Geophys. Inst., Kyoto Univ., 10, 75-84.
9. Hanafusa, T.; A simple method for measurement of water vapor flux, J. Meteor. Soc. Japan, 48, 259-262.
10. Imasato, N.; Study of seiche in Lake Biwa-ko [I]—On the numerical calculation by Defant's method —, Special Contr. Geophys. Inst., Kyoto Univ., 10, 93-103.
11. Kawahira, K.; The winter anomaly of radio wave absorption in the D-region and the planetary wave in the stratosphere, Special Contr. Geophys. Inst., Kyoto Univ., 10, 35-47.
12. *Kawahira, K.; Variations of ultra-long waves in the stratosphere and the winter anomalous absorption in the D-region, Report of the Symposium on the Energetics and Dynamics of the Mesosphere and the Ionosphere, Inst. Space Aeron. Sci., Univ. of Tokyo, 73-84.
13. *Kikkawa, K.; Superheated steam in hydrothermal area, J. Balneol. Soc. Japan, 21, 97-103.
14. *Kishimoto, Y., Y. Tanaka, K. Oike and S. Yoshie; Preliminary report on the Sabae Crustal Movements Observatory, Annuals, Disast. Prev. Res. Inst., Kyoto Univ., 13A, 109-119.
15. *Kitsunezaki, C.; Underground structure and seismic wave velocities in Uji campus of Kyoto University, Annuals, Disast. Prev. Res. Inst., Kyoto Univ., 13A, 175-195.
16. *Kitsunezaki, C.; Solenoid-hammer as electro-mechanical transducer used for seismic source (1), Butsuri-tanko, 23, 86-96.
17. *Kitsunezaki, C.; Solenoid-hammer as electro-mechanical transducer used for seismic source (2), Butsuri-tanko, 23, 146-169.
18. *Kitsunezaki, C.; Theory of electromagnetic seismograph (3), Butsuri-tanko, 23, 37-44.
19. *Kitsunezaki, C.; Theory of electromagnetic seismograph (4), Butsuri-tanko, 23, 106-114.
20. *Kitsunezaki, C.; Theory of electromagnetic seismograph (5), Butsuri-tanko, 23, 160-169.
21. *Kitsunezaki, C.; Theory of electromagnetic seismograph (6), Butsuri-tanko, 23, 236-245.
22. Kubotera, A. and M. Otsuka; Nature of non-volcanic micromor observed on the Aso

† Publications authored or coauthored by staff members and postgraduate students of the Geophysical Institute, Kyoto University.

* Publication in Japanese.

- Caldera, J. *Phys. Earth*, **18**, 115–124.
23. *Kunishi, H. and H. Sato; Observations of water circulation in Lake Biwa-ko (II), *Annuals, Disast. Prev. Res. Inst., Kyoto Univ.*, **13B**, 489–492.
 24. Maeda, H.; Solar and lunar hydromagnetic tides in the earth's magnetosphere, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 1–11.
 25. Maeda, H. and A. Suzuki; The significance of the observation of the daily magnetic fields, *Proc. IASY Symp.*, **III**, 82–83.
 26. *Mitsuta, Y., T. Fujitani and I. Matsubara; Experimental studies of wind over the mountain, *First Symposium on Wind Effects on Structures in Japan*, 71–80.
 27. *Mitsuta, Y., T. Hanafusa and T. Fujitani; On the real time analysis of the characteristics of atmospheric turbulence, *Annuals, Disast. Prev. Res. Inst., Kyoto Univ.*, **14A**, 505–511.
 28. Mitsuta, Y., T. Hanafusa and T. Maitani; Experimental studies of turbulent transfer processes in the boundary layer over bare soil, *Bull. Disast. Prev. Res. Inst., Kyoto Univ.*, **19**, 4, 45–58.
 29. *Mitsuta, Y., T. Hanafusa and T. Maitani; Measurement of turbulent fluxes from a moving ship (2), *Annuals, Disast. Prev. Res. Inst., Kyoto Univ.*, **13A**, 419–432.
 30. Mitsuta, Y., T. Hanafusa, T. Maitani and T. Fujitani; Turbulent fluxes over the Lake Kasumigaura, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 85–91.
 31. Miyakoshi, J., M. Yasuhara, N. Sumitomo and A. Suzuki; On earth current observations at Tottori sand dune, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 171–184.
 32. Nakagawa, I., H. Doi and K. Oike; Shida's number obtained by extensometric observations in Kamitakara, Japan, *Comm. Obs. Roy. Belg., Sér. A*, **9**, *Sér. Géophys.* **96**, 150–153.
 33. Nakagawa, I., S. Kakinuma, K. Yanai and Y. Endo; Observation of tidal variation of gravity made in Showa station, Antarctica, *Comm. Obs. Roy. Belg., Sér. A*, **9**, *Sér. Géophys.* **96**, 16–19.
 34. Nakagawa, I., M. Satomura, E. Abe, K. Katsura and S. Nishimura; On the new gravity value at the National Fundamental Station of Gravity in Japan, *J. Geod. Soc. Japan*, **16**, 9–15.
 35. Nakagawa, I. and M. Shiraki; Some problems on earth tides observed with a gravimeter, *Comm. Obs. Roy. Belg., Sér. A*, **9**, *Sér. Géophys.*, **96**, 42–49.
 36. *Ogawa, T.; Upper atmosphere and atmospheric electric field, *Proc. IASY Symp.*, **III**, 335–343.
 37. *Ogawa, T., S. Handa and Y. Tanaka; Automatic tracking of earth-ionosphere cavity resonances, *Taiki Denki Kenkyu (Researches on Atmospheric Electricity)*, **3**, 31–34.
 38. *Ogawa, T. and Y. Tanaka; Observations of electric fields in the stratosphere, *Taiki Denki Kenkyu*, **3**, 35–39.
 39. Ogawa, T. and Y. Tanaka; Q factors of the Schumann resonances and solar activity, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 21–28.
 40. Ogawa, T. and Y. Tanaka; Effective height of the ball antenna for measuring ELF radio signals, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 29–34.
 41. *Ogawa, T., Y. Tanaka and K. Tanaka; Observations of three components of electric fields and currents in the stratosphere, *Proc. Large Balloon Symp.*, 34–48.
 42. *Okano, K. and I. Hirano; Recent activity of micro-earthquakes in the vicinity of Kyoto, *Rep. Coord. Comm. Earthq. Pred., Min. Constr.*, **4**, 52–54.
 43. *Okano, K. and I. Hirano; Recent activity of micro-earthquakes in the vicinity of Kyoto, especially on the seismic activity near Wachi, *Kyoto Pref., Rep. Coord. Comm. Earthq. Pred., Min. Constr.*, **5**, 46–48.
 44. Ozawa, I.; Observations of abrupt changes of crustal strains during earthquakes, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 127–136.
 45. Ozawa, I.; New types of highly sensitive strainmeters — H-70 type extensometer and R-70 type rotationmeter —, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 137–148.

46. *Ozawa, I.; Observations of ground strains caused by periodic water drawings, *Annals, Disast. Prev. Res. Inst., Kyoto Univ.*, **13A**, 79–90.
47. Shimozuru, D. and I. Nakagawa; Tidal oscillation of Halemaumau Lave Lake, Kilauea, Hawaii and its implication for existence of a magma reservoir, *Comm. Obs. Roy. Belg., Ser. A*, **9**, Ser. Geophys., **96**, 163–166.
48. *Tanaka, Y., M. Koizumi and M. Kato; Crustal movements related to the seismic activity in a restricted area (5A) — Relation between the seismic activity in the northwestern part of the Kinki district and the crustal movements observed at the Ikuno station, *Annals, Disast. Prev. Res. Inst., Kyoto Univ.*, **13A**, 91–108.
49. Toba, Y. and H. Kunishi; Breaking of wind waves and the sea surface wind stress, *J. Oceanogr. Soc. Japan*, **26**, 71–80.
50. *Wada, T. and K. Kamo; An equipment for automatically seismic recording, *Annals, Disast. Prev. Res. Inst., Kyoto Univ.*, **13A**, 35–40.
51. *Wada, T., K. Kamo and Y. Sudo; A digitalized observation of volcanic micro-tremors, *Bull. Volcan. Soc. Japan (Kazan)*, **15**, 1–9.
52. Wada, T., K. Kamo and Y. Sudo; Measurement of kinetic energy of volcanic micro-tremors, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 149–158.
53. *Watanabe Hikaru and A. Kuroiso; Aftershocks of the earthquakes of the central part of Gifu prefecture, September 9, 1969, *Bull. Earthq. Res. Inst., Univ. of Tokyo*, **48**, 1195–1208.
54. Watanabe Hiroshi; Measurements of electrical conductivity of basalt at temperatures up to 1500°C and pressures to about 20 kilobars, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 159–170.
55. Working Group for Comparing the Gravimeters in Japan; Simultaneous observations of earth tides with four Askania and two LaCoste & Romberg gravimeters in Mizusawa, *Comm. Obs. Roy. Belg., Ser. A*, **9**, Ser. Geophys., **96**, 27–29.
56. *Yamashita, K.; Flowing mechanism of bored wells for geothermal power generation in Otake hydrothermal field, Oita prefecture, *J. Balneol. Soc. Japan*, **21**, 26–36.

1971

1. *Araki, T.; Observation of VLF standard radio waves I — Frequency dependence, *Proc. IASY (International Active Sun Years) Symp.*, **IV**, 362–369.
2. *Araki, T. and T. Kikuchi and S. Kato; Observation of VLF radio waves II — Short path propagation characteristics, *Proc. IASY Symp.*, **IV**, 370–375.
3. *Asai, T.; Introduction to non-linear theory of mesometeorological processes by Л. H. Гйтман, *Meteor. Res. Notes*, **108**, 149 pp.
4. *Asai, T.; Dynamics of moist convection, *Meteor. Res. Notes*, **109**, 31–44.
5. *Asai, T.; A report of the survey symposium on studies of atmospheric convection in Kyoto, *Tenki*, **18**, 2–7.
6. *Asai, T.; An aspect of cumulus convection and cumulus ensemble, *Tenki*, **18**, 333–335.
7. Asai, T. and I. Nakasuji; A note on application of finite-difference method to stability analysis of boundary layer flows, *Contr. Geophys. Inst., Kyoto Univ.*, **11**, 25–34.
8. Asai, T. and I. Nakasuji; Thermal instability in a parallel flow with vertical and horizontal shears, *The Shono Memorial Volume, Meteor. Soc. Japan*, (to be published).
9. *Geographical Survey Institute, Earthquake Research Institute of University of Tokyo and Geophysical Institute of Kyoto University; Precise gravity survey in the Tokai and Kinki Districts, *J. Geod. Soc. Japan*, **17**, 22–37.
10. Hanafusa, T.; A new method of on-site data analysis of turbulent transports near the ground, *Contr. Geophys. Inst., Kyoto Univ.*, **11**, 35–46.

11. Hanafusa, T.; New hybrid analog data acquisition system for atmospheric turbulence (HYSAT), *Contr. Geophys. Inst., Kyoto Univ.*, **11**, 47-56.
12. Hanafusa, T.; Some aspects of turbulent fluxes near the ground, *Contr. Geophys. Inst., Kyoto Univ.*, **11**, 57-70.
13. Handa, S., T. Ogawa and M. Yasuhara; Damping coefficients of Q-type bursts in the Schumann resonance frequency range, *Contr. Geophys. Inst., Kyoto Univ.*, **11**, 11-16.
14. Imasato, N.; Study of seiche in Lake Biwa-ko [II] — On a numerical experiment by non-linear two-dimensional model —, *Contr. Geophys. Inst., Kyoto Univ.*, **11**, 77-90.
15. *Imasato, N., S. Kanari and H. Kunishi; A numerical experiment of water motion in Lake Biwa-ko — On the two-dimensional one layer model —, *Annuals, Disast. Prev. Res. Inst., Kyoto Univ.*, **14B**, 347-360.
16. Imasato, N. and H. Kunishi; A note on the energy transfer from wind to waves, *Contr. Geophys. Inst., Kyoto Univ.*, **11**, 71-76.
17. *Imawaki, S.; Distribution de la temperature et le mouvement de l'eau dans les couches profondes au Pacifique de l'ouest, *La Mer (Bullwrin sw la Societe Franco-Japonaise d'Océanographie)*, **9**, 54-63.
18. Iwashima, T. and R. Yamamoto; A method for separation of the ultra-long waves in the atmosphere into the quasistationary and transient parts by the time-filters, *J. Meteor. Soc. Japan*, **49**, 158-162.
19. *Kawahira, K.; Sudden warming and the winter absorption anomaly in the D-region, *Denriken Kenkyukai (Researches on the Ionosphere)*, *Inst. Space Aeron. Sci., Univ. of Tokyo*, 94-97.
20. Kikkawa, K.; Some physical properties of the steam discharged from geothermal ground, *Contr. Geophys. Inst., Kyoto Univ.*, **11**, 91-102.
21. *Kitsunozaki, C.; Theory of electromagnetic seismograph (7), *Butsuri-tanko*, **24**, 143-158.
22. *Kitsunozaki, C.; Theory of electromagnetic seismograph (8), *Butsuri-tanko*, **24**, 198-205.
23. Kitsunozaki, C.; Field-experimental study of shear waves and the related problems, *Contr. Geophys. Inst., Kyoto Univ.*, **11**, 103-178.
24. *Kitsunozaki, C., N. Goto and Y. Iwasaki; Underground structure of the southern part of the Kyoto Basin obtained from seismic exploration and some related problems of earthquake engineering, *Annuals, Disast. Prev. Res. Inst., Kyoto Univ.*, **14A**, 203-216.
25. *Kunishi, H., H. Yoshioka and T. Suzuki; On the oceanic process at Kii-suido, *Annuals, Disast. Prev. Res. Inst., Kyoto Univ.*, **14B**, 511-518.
26. *Miki, H.; The results of co-operative observations of ultramicro-earthquakes. 1. On the detectability, *Zisin*, **24**, 2, 129-138.
27. Naito, T., T. Araki and S. Kato; Observation of VLF radio waves III — Detection of whistler mode signals, *Proc. IASY Symp.*, **IV**, 330-334.
28. *Nakagawa, I.; Some remarks on gravity survey, *J. Geod. Soc. Japan*, **17**, 67-75.
29. *Nakagawa, I. and M. Satomura; On precise gravity survey at specially selected stations with an almost equal gravity value, and an experiment on characteristics of LaCoste & Romberg gravimeters due to vibrations, *J. Geod. Soc. Japan*, **17**, 49-60.
30. *Nishi, K., T. Suzuki and H. Kunishi; Some observations on coastal processes in Tanabe Bay (III), *Annuals, Disast. Prev. Res. Inst., Kyoto Univ.*, **14B**, 533-550.
31. *Ogawa, T.; Discharge processes of cloud-to-ground lightning discharges, *Taiki Denki Kenkyu*, **4**, 46-49.
32. *Ogawa, T.; Electric fields in the stratosphere, *Taiki Denki Kenkyu*, **5**, 42-46.
33. Ogawa, T. and K. Kodera; Simultaneous measurements of air-earth currents at two stations, *Contr. Geophys. Inst., Kyoto Univ.*, **11**, 17-24.
34. *Ogawa, T. and Y. Tanaka; Electric fields and currents in the stratosphere, *Taiki Denki Kenkyu*, **4**, 8-11.
35. *Ogawa, T. and Y. Tanaka; Observations of ionospheric electric fields by means of large balloons, *Proc. IASY Symp.*, **IV**, 345-350.

36. *Okano, K. and I. Hirano; Recent activity of earthquakes in the vicinity of Kyoto, Rep. Coord. Comm. Earthq. Pred., Min. Constr., **6**, 56–59.
37. Okano, K. and I. Hirano; Seismic wave attenuation in the vicinity of Kyoto, Bull. Disast. Prev. Res. Inst., Kyoto Univ., **21**, 1, 99–108.
38. Ozawa, I.; Anisotropy of the crust observed by means of the earth tidal strains, Contr. Geophys. Inst., Kyoto Univ., **11**, 191–204.
39. Ozawa, I.; Observations of the secular changes of the crustal strains at Osakayama, Contr. Geophys. Inst., Kyoto Univ., **11**, 205–212.
40. Ozawa, I.; Observations of the earth tidal strains at Kinki District of Japan, Rotation of the Earth, IAU Symp., Morioka, Japan, **48**, 91–93.
41. *Ozawa, I.; Observations of the earth tidal strains at Kishu Mine, Annuals, Disast. Prev. Res. Inst., Kyoto Univ., **14A**, 47–54.
42. Suzuki, A. and H. Maeda; On continuous mapping of ionospheric equivalent current systems, Proc. IASY Symp., **IV**, 408–413.
43. *Tanaka, Y., M. Kato and M. Koizumi; Crustal movements related to the seismic activity in a restricted area (6% — Relation between the seismic activity in the northwestern part of the Chubu district and the crustal movements observed at the Kamioka station, Annuals, Disast. Prev. Res. Inst., Kyoto Univ., **14A**, 85–95.
44. *Tanaka, Y., M. Koizumi and M. Kato; Crustal movements related to the seismic activity in a restricted area (5B) — Relation between the seismic activity in the northwestern part of the Kinki district and the crustal movements observed at the Ikuno station, Annuals, Disast. Prev. Res. Inst., Kyoto Univ., **14A**, 71–84.
45. *Tanaka, Y. and R. Nishida; Ground tremors caused by rock bursts in the Ikuno mine. Annuals, Disast. Prev. Res. Inst., Kyoto Univ., **14A**, 161–176.
46. *Wada, T. and K. Nishimura; A structure of the Volcano Aso deduced from the azimuthal deviation of P-wave, Annuals, Disast. Prev. Res. Inst., Kyoto Univ., **14A**, 139–148.
47. *Watanabe Hikaru; Determination of earthquake magnitude at regional distance in and near Japan, Zisin, **24**, 3, 189–200.
48. Working Group for Gravity Survey and Precise Levelling in Japan; Some remarks on gravity measurements by means of gravimeters, Report for the XV General Assembly of IUGG, 13 pp.
49. *Yamamoto, R.; Fluctuations of the atmospheric general circulation and abnormal weather (I), Annuals, Disast. Prev. Res. Inst., Kyoto Univ., **14A**, 513–522.